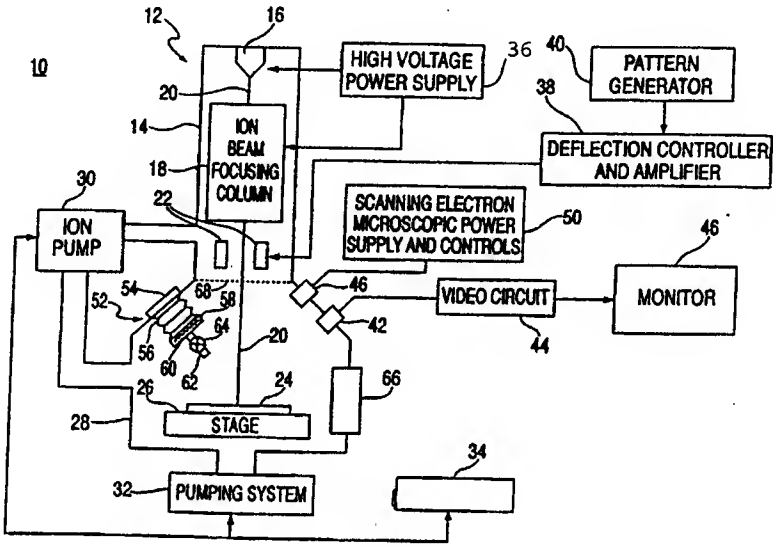
10
12
16
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30
22
ION PUMP
ION BEAM FOCUSING COLUMN
HIGH VOLTAGE POWER SUPPLY
36
40
PATTERN GENERATOR
38
DEFLECTION CONTROLLER AND AMPLIFIER
SCANNING ELECTRON MICROSCOPIC POWER SUPPLY AND CONTROLS
50
46
VIDEO CIRCUIT
MONITOR
44
42
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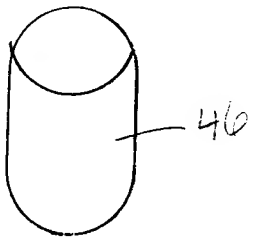
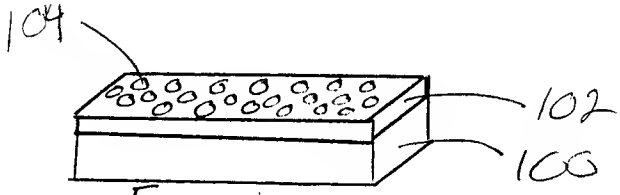
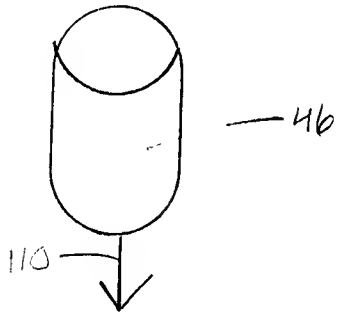
STAGE
34
32
PUMPING SYSTEM

FIG. 1





Figure



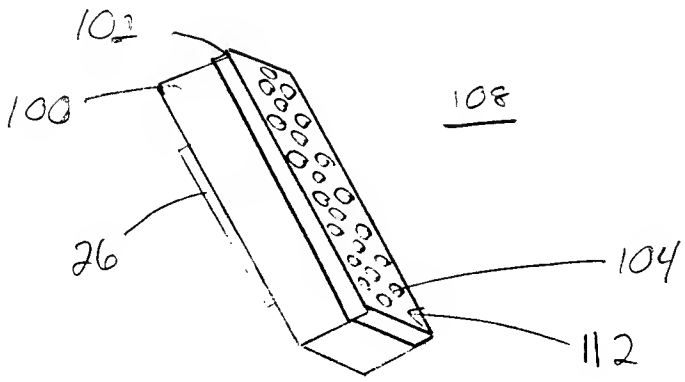


Figure 3

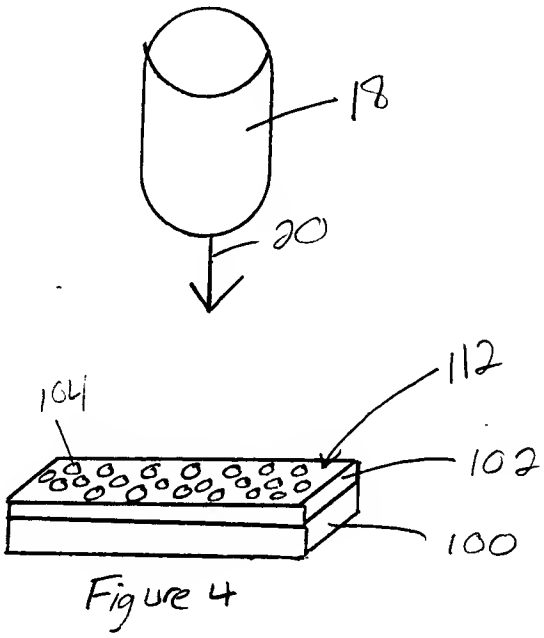


Figure 4

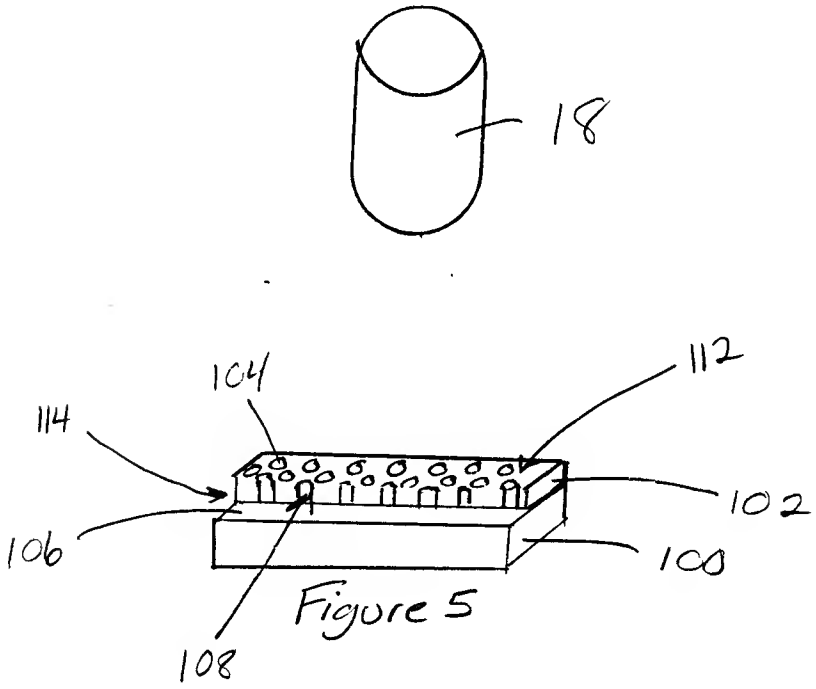


Figure 5

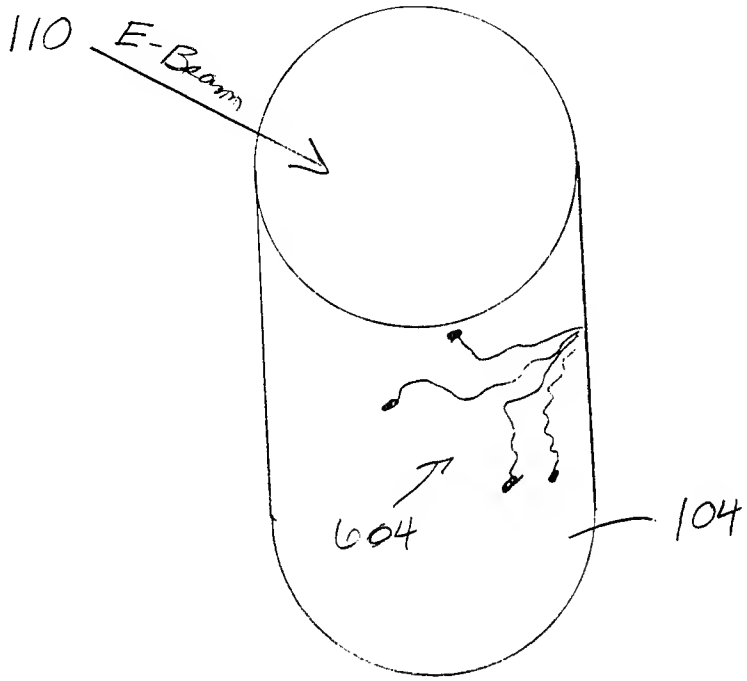


Figure 6